

# ILLUMINATING DEVICE FOR A DISPLAY

### Abstract of the Disclosure

5 A light guide is provided for illuminating a liquid crystal display (LCD). The light guide has a reflection surface for reflecting light from a light source to the LCD. A reflection plate is provided adjacent to a rear side surface of the light guide opposite to the light source. The reflection surface of the light guide has saw-toothed grooves. 10 Each of the grooves comprises a front side having a small angle of elevation and a rear side having a large angle of elevation. The light emitted from the light source passes through the light guide and is reflected from the reflection plate and reflected from the rear sides to the LCD. 15